



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frank G. Cavazos)
Serial Number: 10/661,892) Examiner: Sunil Singh
Filing Date: September 15, 2003) Art Unit "3673
For: FIRE RETARDANT CONSTRUCTION)
FOR MATTRESS ASSEMBLY)

To: Commissioner for Patents
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1. A mattress able to pass an established fire protective test having a fire retarding construction, comprising barrier means releasable from said mattress to be separable therefrom and securable thereto, said barrier means extending around the entire periphery of said mattress when secured thereto to restrict entry of oxygen into the interior portions of said mattress.

2. A mattress able to pass an established fire protective test as set forth in claim 1, wherein said mattress includes an innercushioning assembly having an upper surface and a lower surface, a top mattress cover over said upper surface of said innercushioning assembly, first insert members between said top mattress cover and said upper surface of said innercushioning assembly, a bottom mattress cover over said lower surface of said innercushioning assembly, second insert members between said bottom mattress cover and said lower surface of said innercushioning assembly, a top mattress cover fabric flange extending downwardly from the peripheral edge of said top

mattress cover, a bottom mattress cover fabric flange extending upwardly from the peripheral edge of said bottom mattress cover, a peripheral band extending around the periphery of said mattress, said peripheral band having an upper edge and a lower edge, said barrier means includes a first enlarged diameter welt along said upper edge of said peripheral band, a second enlarged diameter welt along a portion of said top mattress cover fabric flange in facing relation with said first enlarged diameter welt when said peripheral band is in place on said mattress.

3. A mattress able to pass an established fire protective test as set forth in claim 1, wherein said mattress includes an innercushioning assembly having an upper surface and a lower surface, a top mattress cover over said upper surface of said innercushioning assembly, first insert members between said top mattress cover and said upper surface of said innercushioning assembly, a bottom mattress cover over said lower surface of said innercushioning assembly, second insert members between said bottom mattress cover and said lower surface of said innercushioning assembly, a top mattress cover fabric flange extending downwardly from the peripheral edge of said top mattress cover, a bottom mattress cover fabric flange extending upwardly from the peripheral edge of said bottom mattress cover, a peripheral band extending around the periphery of said mattress, said peripheral band having an upper edge and a lower edge, said barrier means includes a

first enlarged diameter welt along said upper edge of said peripheral band, a second enlarged diameter welt along a portion of said top mattress cover fabric flange in facing relation with said first enlarged diameter welt when said peripheral band is in place on said mattress, a third enlarged diameter welt along said lower edge of said peripheral band, a fourth enlarged diameter welt along a portion of said bottom mattress cover fabric flange in facing relation with said third enlarged diameter welt when said peripheral band is in place on said mattress.

4. A mattress able to pass an established fire protective test as set forth in claim [2] 3, including releasable fastening members to releasably hold said first enlarged diameter welt against said second enlarged diameter welt when said peripheral band is in place on said mattress.

5. A mattress able to pass an established fire protective test as set forth in claim 4, wherein said releasable fastening members include tiny flexible hook members and corresponding tiny flexible loop members.

6. A mattress able to pass an established fire protective test as set forth in claim 3, including releasable fastening members to releasably hold said third enlarged diameter welt against said fourth enlarged diameter welt when said peripheral band is in place on said mattress.

7. A mattress able to pass an established fire protective test as set forth in claim 6, wherein said releasable fastening members include tiny flexible hook

members and corresponding tiny flexible loop members.

8. A mattress able to pass an established fire protective test having a fire retarding construction, comprising barrier means extending around the entire periphery of said mattress to restrict entry of oxygen into the interior portions of said mattress, said barrier means including a length of rope, said mattress including a fabric covering, said rope being enfolded by a portion of said fabric.

9. A mattress able to pass an established fire protective test as set forth in claim 8, wherein said rope has a diameter of about one-eighth of an inch.

10. A mattress able to pass an established fire protective test as set forth in claim 8, wherein said rope has a diameter of any size between one-eighth of an inch and one-fourth of an inch.

11. A mattress able to pass an established fire protective test having a fire retarding construction, comprising barrier means releasable from said mattress to be separable therefrom and securable thereto, said barrier means extending around the entire periphery of said mattress to restrict entry of oxygen into the interior portions of said mattress, wherein said fire protective test is the "Flammability Test Procedure for Mattresses For Use in Public Buildings" described in Technical Bulletin No. 129 of the State Fire Marshal's Office is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

chnical Library, Blue Bell, Pa. Correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington.

Fon, D. C. 20231, m Oct 15, 2004
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